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COMPENDIUM OF SHOCK WAVE DATA

COMPENDIUM INDEX

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This volume consists of 4 parts including the index for the three volume compendium. Section C lists shock wave data for organic compounds. Section D contains shock wave data for mixtures of organic and inorganic data. Section E lists data for incompletely defined engineering and geological materials.		

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FFFFFF  |||  L  M  M  X  X  X  EEEEE  AAAAA  OOOOOO  X  X  X
F  |  L  MM  MM  X  X  E  A  R  O  X  X  X
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FFFF  |  L  M  M  M  X  E  A  R  O  X  X  X
F  |  L  M  M  M  X  E  A  R  O  X  X  X
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COLEBURN, N. L. J. CHEM. PHYS., V. 40, P. 71 (1964) REPORT NO. MOLTR 63-73 (1963) THE COMPRESSIBILITY OF PYROLYTIC GRAPHITE UNITED STATES NAVAL ORDNANCE LABORATORY, WHITE OAK, SILVER SPRING, MARYLAND.		32
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ISELL W.M., SHIPMAN F.M. AND JONES A.M. HUGHNOT EQUATION OF STATE OF ELEVEN MATERIALS TO FIVE MBARS. MATERIALS SCIENCE LABORATORY REPORT: MSL-68-13	318
JOHNSON, P. C., STEIN, B. A. AND DAVIS, R. S. J. APPL. PHYS., VOL. 33, P. 557 (1962)	187
JOHNSON J.O. AND HACKERLE J. HIGH DYNAMIC PRESSURE SYMPOSIUM, I.U.T.A.M. SEPT. 11-15 1967 PARIS, FRANCE (ALSO PRIVATE COMM.)	305
JONES, A. H., ISELL, W. M. AND MAIDEN C. J. JOURNAL OF APPLIED PHYSICS, VOL. 37, P. 3493 (1966)	197
JONES, A. H., ISELL, W. M. AND MAIDEN C. J. JOURNAL OF APPLIED PHYSICS, VOL. 37, P. 3493 (1966).	227
KEELER, R. N. PRIVATE COMMUNICATION. LAWRENCE RADIATION LABORATORY, LIVERMORE, CALIFORNIA.	11
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AUTHORS/REFERENCE	PAGE NO.
KORNER, S. B., FUNTIKOV, A. I., URLIN, V. D. AND KOLESHNIKOVA, A. N. SOVIET PHYS.-JETP, VOL. 15, P. 477 (1962)	77
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KRUPNIKOV, K. K., BRAZHNIK, M. I. AND KRUPNIKOVA V. P. SOVIET PHYS.-JETP, VOL. 15, P. 470 (1962) J. EXPTL. THEORET. PHYS. (U.S.S.R.) VOL. 47, P. 1202 (1964)	229
KRUPNIKOV, K. K., BAKANOVA, A. A., BRAZHNIK, M. I. AND TRUNIN, R. F. SOVIET PHYS.-DOVLADY, VOL. 8, P. 205 (1963)	241
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MINSHALL, F. S. MET. SOC. CONF., VOL. 9, P. 249 (1961) ALSO BANCROFT, D., PETERSON, E. L. AND MINSHALL, S. J. APPL. PHYS., VOL. 27, P. 291 (1956)	174
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SCHMIDT, O.H. AND LINDE, R.K. AIR FORCE WEAPONS LAB. REP. AFML-TR-68-33 (1968) CONTRACT NO. AF 29(80)-7238 SRI PROJECT: POU-0127 STANFORD RES. INST. MENLO PARK, CALIFORNIA, U. S. A. SEE ALSO J APPL PHYS. 43 3367 (1972) FOR A DISCUSSION ON TUNGSTEN, COPPER AND POLYURETHANE	228
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WACKERLE, J., SEITZ, H. L. AND JAMILSON, C. C. SYMPOSIUM HIGH DYNAMIC PRESSURE. I.U.T.A.M., SEPT. 11-15, 1967 PARIS, FRANCE.	2
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WALSH, J. M., RICE, M. H., MCQUEEN, R. O. AND YARGER, F. L. PHYS. REV., VOL. 108, P. 169 FF. (1957) LOS ALAMOS SCIENTIFIC LABORATORY, OMX-6, LOS ALAMOS, N. MEX.	21
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WALSH, J. M. AND RICE, M. H. JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)	124

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WALSH, J. M., RICE, M. H., MCQUEEN, R. O. AND YARGER, F. L. PHYS. REV., VOL. 108, P. 169 FF. (1957) LOS ALAMOS SCIENTIFIC LABORATORY, OMK-B, LOS ALAMOS, N. MEX.	127
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AMRENS T.J. AND RUDERMAN M.H. J. APPL. PHYS., V. 37 P. 4758 (1966)	338
AMRENS T. J. AND OREGSON JR, V. G. J. GEOPHYS. RES., VOL. 69, P. 4839 (1964)	386
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AMRENS T.J., ROSENBERG J.T., RUDERMAN M.H. DYNAMIC PROPERTIES OF ROCKS	
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AMRENS, T.J., LOMER, J.M. AND LAOUS, P.L. J. GEOPHYS. RES. VOL 76 P. 518 (1971)	410
AMRENS T.J., ROSENBERG J.T., RUDERMAN M.H. STANFORD RESEARCH INSTITUTE REPORT NO DASA 1068 (1966) STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA 94035 U.S.A.	430
AMRENS T.J., PETERSEN, C.F. AND ROSENBERG, J.T. J. GEOPHYS. RES. VOL. 74, P. 2727 (1969)	476
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AL TSHALER, L.V., PAVLOVSKII, M.M., KULESHOVA, L.V., AND SINAKOV, O.V. SOVIET PHYS.-SOLID STATE, VOL. 5, P. 203 (1963)	438

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DRENIN, A.N. AND ADADUROV, G.A. SOVIET PHYS. DOKLADY, VOL. 4, P. 970 (1959) SOVIET PHYS. DOKLADY, VOL. 129, P. 261 (1959) (RUSS.)	416
GREGSON, V.O., AHRENS, T.J. AND PETERSEN, C.F. REPORT NO. AFRL 63-662 STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA. CATALOGUED BY DOC NO. 413819 MARCH 1963 AHRENS, T. J. AND GREGSON JR., V. O. J. GEOPHYS. RES., VOL. 69, P. 4819 (1964) AHRENS T.J., ROSENBERG J.T., RUDEMAN H.M.	393
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GREGSON V. O., PETERSEN C. F. AND JAMIESON J. C. REPORT NO: SPI-POU-3630-21R-3 (1962) POULTER LABORATORIES MENLO PARK, CALIFORNIA AHRENS T.J. AND GREGSON V.O. J. GEOPHYS. RES. NOV 4 1964 P. 4819 1964 AHRENS T.J., ROSENBERG J.T. AND RUDEMAN H.M. ENTRY A TO G1 DYNAMIC PROPERTIES OF ROCKS	420

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JONES, A. M., ISBELL, M. M., SHIPMAN, F. M., MCKINNS, R. D., GREEN, S. J. AND MAIDEN, C. J. INTERIM REPORT, CONTRACT NAS2-3427, 1968 GENERAL MOTORS TECH. CENTER, WARREN, MICHIGAN 48090	378
KORNER, S. B., SINITSYN, M. V., FUNTIKOV, A. I., URLIN, V. D. AND BLINOV, A. V. SOVIET PHYS-JETP, VOL. 20, P. 811 (1965) J. EXPTL. THEORET. PHYS. (U.S.S.R.) VOL. 47, P. 1202 (1964)	440
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MITCHELL A.C. AND KEELER R.H. PRIVATE COMMUNICATION (1987) REVIEW OF SCIENTIFIC INSTRUMENTS (TO BE PUBLISHED).	346
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PAVLOVSKII, M. N., VASHCHENKO, V. YA., SIMAKOV, O. V. FTT VOL. 7, P. 1212 (1985). SOVIET PHYSICS-SOLID STATE VOL. 7, P. 972 (1985)	488

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AUTHORS/REFERENCE
.....PAGE NO.
.....

SKIDMORE, I.C. AND MORRIS, E.
THERMODYNAMICS OF NUCLEAR MATERIALS. P. 173 FF. (1962)
INTERN. AT. ENERGY AGENCY, VIENNA
ATOMIC WEAPONS RESEARCH ESTABLISHMENT, ALDERMASTON, ENGLAND

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HACKERLE, J.
JOURNAL OF APPLIED PHYS., VOL. 33, P. 922, (1962)

358

HACKERLE, J.
JOURNAL OF APPLIED PHYS., VOL. 33, P. 922, (1962)

361

WALSH J. M. AND RICE M. M.
JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)

336

WALSH J. M. AND RICE M. M.
JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)

345

WALSH J. M. AND RICE M. M.
JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)

348

ZUBAREV, V.N. AND TELEGIN, O.S.
SOVIET PHYS.-DOKLADY, VOL. 7, P. 34 (1962)

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AMRENS I. J. AND RUDERMAN M. H. J. APPL. PHYS. V 37 P. 4758 (1966)	502
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DICK R. D. REPORT LA 3915, APRIL 1968 (THESIS) LOS ALAMOS SCIENTIFIC LAB. LOS ALAMOS, BOX 1663, NEW MEXICO 87544	495
HAUVER, G. E. TECHNICAL NOTE NO. 1028 (1964) PRIVATE COMMUNICATION JAN. 1969 BALLISTIC RESEARCH LABORATORIES, ABERDEEN PROVING GROUND, MARYLAND.	481
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AUTHORS/REFERENCE -----	PAGE NO. -----
WAGNER, M. M., WALDORF, W. F. AND LOUIE, M. A. REPORT NO. AFSMC-TDR-82-88, VOL. 1 (1982) WORK DONE AT DUNNEY, CALIFORNIA.	490
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WALSH J. M. AND RICE M. H. JOURNAL OF CHEMICAL PHYSICS, VOL. 28, P. 815 (1957)	501
WALSH J. M. AND RICE M. H. JOURNAL OF CHEMICAL PHYSICS, VOL. 28, P. 815 (1957)	502
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ANDREWS I. J. AND RUDERMAN H. M. J. APPL. PHYS. V. 40, P. 3044 (1969)	520
ANDREWS I. J. AND RUDERMAN H. M. J. APPL. PHYS. V. 37 P. 4758 (1966)	524
ANDERSON G. D., DORAN D. O. AND FARMERBROOK A. L. AIR FORCE WEAPONS LAB. REPORT AFWL-TR-65-147 (1965) AFWL-TR-67-43 STANFORD RES. INST., MENLO PARK, CALIFORNIA, USA.	561
BAKANOVA, A. A., DUDOLADOV, I. P. AND TRUNIN, R. F. FIZIKA IVERDOGO TELA, VOL. 7, NO. 8, PP. 1816 - 1822 (1965)	540
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BUCHANAN, J. S., JAMES, W. J. AND TEAGUE, O. W. PHIL. MAG., VOL. 3, P. 1432, (1958)	533
CARTER, W. J., MARSH, S. P. AND MCQUEEN, R. O. PRIVATE COMMUNICATION (1967) LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, USA	602
COLEBURN, N. L. NAVY REPORT 6026, 1960 U. S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND.	546
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COLEBURN N. L. AND LIDDIARD JR. T. P. J. CHEM. PHYS., VOL. 44, P. 1929 (1965) ALSO: PRIVATE COMMUNICATION	583
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DAPOLOFF, J., KIEFFER, J. AND VODAR, B. COMPTES RENDUS, VOL. 245, P. 1502 (1957)	545
DEAL, W. E. PRIVATE COMMUNICATION WALSH, J. M., YAROLER, F. L., AND MCQUEEN, R. O. OMX-B REPORTS 1954, 1955. OMX-B, LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO	534
DEAL, W. E. PRIVATE COMMUNICATION OMX-B, LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO.	535
DEAL, W. E. PRIVATE COMMUNICATION (1983) LOS ALAMOS SCIENTIFIC LABORATORY, OMX-B, LOS ALAMOS, N. MEX.	556
ERKMAN J.O. AND EDWARDS D.J. NAVAL ORDINANCE LABORATORY TECH. REP. NO. NOLTR 74-213 (1974) NAVAL ORDINANCE LABORATORY, WHITE OAK, SILVER SPRING, MD. 20910, USA.	597
GARN W. B. J. CHEM. PHYS. VOL. 30, P. 819 (1958)	580

SECTION C --- ORGANICS

AUTHORS/REFERENCE -----	PAGE NO. -----
GUESS, T. R. SANDIA LABORATORY REPORT, SC-OR-68-343 (1968) SANDIA LABORATORY, ALBUQUERQUE, NEW MEXICO, U.S.A.	589
MALPIN, W. J. AND GRAHAM, R. A. SHOCK WAVE COMPRESSION OF PLEXIGLAS FROM 3 TO 20 KBAR PRESENTED AT THE FOURTH SYMPOSIUM ON DETONATION P. 389, OCT. 1969. HELD AT THE U. S. NAVAL ORDNANCE LABORATORY, WHITE OAK, SILVER SPRING MARYLAND.	544
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ISBELL M. M., SHIPMAN F. H. AND JONES A. H. MUGONOT EQUATION OF STATE OF ELEVEN MATERIALS TO FIVE KBARS. MATERIALS SCIENCE LABORATORY REPORT, MSL-68-1	550
LIDDARD T. P. THE FOURTH SYMPOSIUM ON DETONATION, VOL. 1, B-47 (1969)	543
LUNDBERG, LENNART. PRIVATE COMMUNICATION RESEARCH INSTITUTE OF NATIONAL DEFENCE, STOCKHOLM, SWEDEN.	539

SECTION C --- ORGANICS

AUTHORS/REFERENCE	PAGE NO.
MAJONICZ, M. J. AND JACOBS, S. J. NAVORD REPORT NO. 5700, 1958 U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A.	594
MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M., AND CARTER, M.J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	547
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MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.N., AND CARTER, W.J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES. HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970) CHAPTER VII	504
MORGAN D. T. ROCKWITZ M., ATKINSON A. L. AVCO CORP. REPORT NO. AFML-TR-65-117 RESEARCH AND DEVELOPMENT DIVISION AVCO CORP., WILMINGTON, MASS., USA	558
NETHERWOOD, P. H. BRL MEMORANDUM REPORT NO. 1628 (DECEMBER, 1964) U. S. ARMY BALLISTIC RESEARCH LABORATORIES ABERDEEN PROVING GROUND, MARYLAND 21005	558
PETERSEN C.F. AND ROSENBERG J.T. J. APPL. PHYS. V.40, P.3044 (1969)	521
PETERSEN C.F. AND ROSENBERG J.T. J. APPL. PHYS. V.40 P.3044 (1969)	525
RAMSAY, J. B. PRIVATE COMMUNICATION (1967) LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, USA	567
RAMSAY, J. B. REPORTS NO. GMX-R MR-8-1-B AND GMX-R MR-62-7 (1962) LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, USA	568
SCHMIDT, D. M. AND EVANS, M. M. PREPRINT STANFORD RES. INST., PALO ALTO, CALIFORNIA.	536
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SKIDMORE, I.C. AND MORRIS, E. THERMODYNAMICS OF NUCLEAR MATERIALS, P. 173 FF. (1962) INTERN. AT. ENERGY AGENCY, VIENNA ATOMIC WEAPONS RESEARCH ESTABLISHMENT, ALDERMASTON, ENGLAND	977
WAGNER, M.H., WALDORF, W.F. AND LOUIE, N.A. REPORT NO. AFSMC-TDR-62-66, VOL. 1 (1962) WORK DONE AT DOWNEY, CALIFORNIA.	931
WAGNER, M.H., WALDORF, W.F. AND LOUIE, N.A. REPORT NO. AFSMC-TDR-62-66, VOL. 1 WORK DONE AT DOWNEY, CALIFORNIA.	997
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WALSH J. M. AND RICE M. H. JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)	918
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WALSH J. M. AND RICE M. H. JOURNAL OF CHEMICAL PHYSICS, VOL. 26, P. 815 (1957)	922
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AUTHORS/REFERENCE
-----PAGE NO.

WASLEY R. J. AND O'BRIEN J. F.
PRIVATE COMMUNICATION (1966)
LAWRENCE RAD. LAB., LIVERMORE, CALIFORNIA, U. S. A.

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ANDREWS T. J., ROSENBERG J. T., RUDERMAN M. H. DYNAMIC PROPERTIES OF ROCKS PROJECT FOU-4818, REPORT NO. DASA-1868 (SEPT. 30 1968) STANFORD RESEARCH INSTITUTE MENLO PARK, CALIF., USA	694
ANDREWS, T. J. AND GREGSON JR, V. O. J. GEOPHYS. RES., VOL. 69, P. 4839 (1964) ANDREWS, T. J. AND ROSENBERG, T. J. POLLER LABORATORIES, MENLO PARK, CALIF. USA. CONFERENCE ON SHOCK METAMORPHISM, APRIL 14-18 (1968) ANDREWS T. J., ROSENBERG J. T. AND RUDERMAN M. H. STANFORD RESEARCH INSTITUTE REPORT DASA 1868 (1968)	712
ANDREWS T. J., PETERSEN C. F. AND ROSENBERG J. T. J. GEOPHYS. RES., NO. 74, P. 2727 (1969)	719
ANDREWS, T. J. AND GREGSON JR, V. O. J. GEOPHYS. RES., VOL. 69, P. 4839 (1964)	723
ANDERSON, O. D. INTERIM DATA REPORT FOU-8392 (1967) STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA, USA.	832
ANDERSON, O. D. INTERIM DATA REPORT FOU-8392 (1967) STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA, USA.	833
ANDERSON, O. D. INTERIM DATA REPORT FOU-8392 (1967) STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA, USA.	834
BALCHAM, A. S. AND CONAN, O. R. JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 71, P. 3577, (1966)	858
BOYLE, V. M. PRIVATE COMMUNICATION BALLISTIC RESEARCH LABORATORIES, AMXBR-10 ABERDEEN PROVING GROUND, MARYLAND 21005.	811
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COLEBURN N. L. AND LIDDARD JR. T. P. J. CHEM. PHYS., VOL. 44, P. 1929 (1965) ALSO: PRIVATE COMMUNICATION.	818
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DREMIN, A. N. AND ROZANOV, O. K. IZVESTIYA AKADEMII NAUK SSSR, SERIYA KHIMICHESKAYA, NO. 8, P. 1513 (1984) (RUSS) ACADEMY OF SCIENCES, U.S.S.R. BULL., CHEM. SCI. P. 1417 (1984) (ENGLISH).	614
DREMIN, A. N. AND ROZANOV, O. K. IZVESTIYA AKADEMII NAUK SSSR, SERIYA KHIMICHESKAYA, NO. 8, ACADEMY OF SCIENCES, U.S.S.R. BULL., CHEM. SCI. P. 1417 (1984) (ENGLISH) P. 1513 (1984) (RUSS)	615
GUST M. M. AND ROYCE E. B. J. APPL. PHYS., VOL. 41, P. 2443, (1970) LAWRENCE LIVERMORE LABORATORY, LIVERMORE, CALIFORNIA 94550	663
GUST, M. M. AND ROYCE, E. B. J. APPL. PHYS., VOL. 41, P. 2443, (1970) LAWRENCE RADIATION LABORATORY, LIVERMORE, CALIFORNIA, USA.	664
GUST M. M. AND ROYCE E. B. SHOCK COMPRESSION OF THE STAINLESS URANIUM ALLOY MULBERRY LAWRENCE LIVERMORE LABORATORY REPORT UCRL 50889 (1970) A KUSBOV - S DIVISION LAWRENCE LIVERMORE LABORATORY REPORT STN 183 (1980)	662
HART AND SKIDMORE I. C. PRIVATE COMMUNICATION (1985) SKIDMORE, I. C. APPLIED MATERIALS RESEARCH, VOL. 4, P. 131, (1985)	678

SECTION D --- MIXTURES

AUTHORS/REFERENCE	PAGE NO.
ISBELL, W. M., SHIPMAN, F. H. AND JONES, A. M. PROGRESS REPORT NO. 5, CONTRACT DA-49-148-X2-429 MATERIALS AND STRUCTURES LAB. GENL. MOTORS TECHNICAL CENTER WARREN, MICHIOAN 48090, U. S. A.	637
ISBELL, W.M., SHIPMAN, F.H. AND JONES, A.M. MUGONIOT EQUATION OF STATE OF ELEVEN MATERIALS TO FIVE MBARS MATERIALS SCIENCE LABORATORY REPORT: MSL-68-13	669
ISBELL, W.M., SHIPMAN, F. H. AND JONES, A.M. MUGONIOT EQUATION OF STATE MEASUREMENTS TO FIVE MEGABARS REPORT MSL-68-13 (DECEMBER 1968) MATERIALS AND STRUCTURES LABORATORY GENERAL MOTORS TECHNOLOGY CENTER, WARREN, MICHIOAN 48090	680
ISBELL, W.M. PAPER PRESENTED AT DASA SPONSORED MEETING AT THE RAND CORPORATION, SANTA MONICA, CALIFORNIA, OCTOBER 26-28 (1968) CONTRACT DA-49-148-X2-429 GENERAL MOTORS TECHNICAL CENTER, WARREN, MICH., U. S. A.	719
JEFFRIES, R. A. AND HACKERLE, J. LOS ALAMOS REPORT: LA-3493 (1968) LOS ALAMOS SCIENTIFIC LAB., BOX 1683, LOS ALAMOS, N. M. 87544	610
JONES, A. M., ISBELL, W. M. AND MAIDEN, C. J. JOURNAL OF APPLIED PHYSICS, VOL. 37, P. 3493 (1966)	679
JONES, A. M., ISBELL, W. M., SHIPMAN, F. H., PERKINS, R. D., GREEN, S. J. AND MAIDEN, C. J. INTERIM REPORT, CONTRACT NAS2-3427, 1968 GENERAL MOTORS TECH. CENTER, WARREN, MICHIOAN 48090	704
JONES, A. M., ISBELL, W. M., SHIPMAN, F. H., PERKINS, R. D., GREEN, S. J. AND MAIDEN, C. J. INTERIM REPORT, CONTRACT NAS2-3427, 1968 GENERAL MOTORS TECH. CENTER, WARREN, MICHIOAN 48090	724
MAJONICZ, M. J. AND JACOBS, S. J. NAVORD REPORT NO. 5710, 1958 U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A.	620
MAJONICZ, M. J. AND JACOBS, S. J. NAVORD REPORT NO. 5710, 1958 U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A.	621

SECTION D --- MIXTURES

AUTHORS/REFERENCE

PAGE NO.

- MAJOWICZ, M. J. AND JACOBS, S. J.
NAVORD REPORT NO. 5700, 1958
U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A. 628
- MAJOWICZ, M. J. AND JACOBS, S. J.
NAVORD REPORT NO. 5710, 1958
U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A. 628
- MAJOWICZ, M. J. AND JACOBS, S. J.
NAVORD REPORT NO. 5710, 1958
U.S. NAVAL ORDNANCE LAB., WHITE OAK, MARYLAND, U.S.A. 631
- MARSH, S. P.
PRIVATE COMMUNICATION (1965)
GMX-B, LOS ALAMOS SCIENTIFIC LABORATORY
LOS ALAMOS, NEW MEXICO. 647
- MAY, R. P., BIESECKER, R. G. AND KING, T. N.
SANDIA LABORATORY REPORT SC-1M 68-187, MAY 1968
SANDIA CORP., ALBUQUERQUE, NEW MEXICO 618
- MC QUEEN, R. O., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M.
AND CARTER, W. J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES.
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970) CHAPTER VII 700
- MCQUEEN, R. O., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M.,
AND CARTER, W. J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES.
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970) CHAPTER VII 613
- MCQUEEN, R. O., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M.,
AND CARTER, W. J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES.
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970) CHAPTER VII 635
- MCQUEEN, R. O., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M.,
AND CARTER, W. J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES.
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970) CHAPTER VII 638
- MCQUEEN, R. O., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M.,
AND CARTER, W. J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES.
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970) CHAPTER VII 639

SECTION D --- MIXTURES

AUTHORS/REFERENCE	PAGE NO.
MCQUEEN, R. G., AND MARSH, S. P. J. APPL. PHYS., VOL. 31, P. 1241 (1960) LOS ALAMOS SCIENTIFIC LABORATORY, OAK RIDGE, LOS ALAMOS, N. MEX.	844
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	655
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	656
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	657
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	660
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	661
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	662
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. W., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	668

SECTION D --- MIXTURES

AUTHORS/REFERENCE	PAGE NO.
MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M., AND CARTER, W.J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970) CHAPTER VII	667
MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M., AND CARTER, W.J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC PRESS, NEW YORK, 1970) CHAPTER VII	668
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MCQUEEN R. O. AND MARSH S. P. PRIVATE COMMUNICATION LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, USA	711
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PAGE NO.

PERSSON, P. A., PERSSON, I. FOA 2 REPORT A 2009 202, SEPT 1964. FORSVARTES FORSKNINGANSTALT ANDERLINDO, SWEDEN. UCRL TRANSLATION 1173101.	646
PETERSEN, C. F., MURRI, W. J., ANDERSON, O. D. AND ALLEN, C. F. S.M.I. INTERIM TECH. REPORT, PROJECT PGU-661H (1968) STANFORD RES. INST., MENLO PARK, CALIF., U.S.A.	726
RAMSAY, J. B. PRIVATE COMMUNICATION (1968) LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS, NEW MEXICO, USA	642
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TRUNIN, R. F., GON SHAKOVA, V. I., SINAKOV, O. V. AND GALDIN, N. E. IZV. AKADEMII NAUK SSSR FIZIKA ZEMLI, VOL. 9, 1965, P. 1-12.	699
TRUNIN, R. F., GON SHAKOVA, V. I., SINAKOV, O. V. AND GALDIN, N. E. IZV. AKADEMII NAUK SSSR FIZIKA ZEMLI, VOL. 9, 1965, P. 1-12.	700

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AUTHORS/REFERENCE	PAGE NO.
TRUNIN, R. F., GON SHAKOVA, V. I., SIMAKOV, G. V. AND DALDIN, N. E. IZV. AKADEMII NAUK SSSR, FIZIKA ZEMLI, VOL. 9, 1965, P. 1-12.	701
TRUNIN, R. F., GON SHAKOVA, V. I., SIMAKOV, G. V. AND DALDIN, N. E. IZV. AKADEMII NAUK SSSR, FIZIKA ZEMLI, VOL. 9, 1965, P. 1-12.	702
WALSH, J. M., RICE, M. M., MCQUEEN, R. D. AND YARGER, F. L. PHYS. REV., VOL. 108, P. 150 (1957) LOS ALAMOS SCIENTIFIC LABORATORY, ORO-6, LOS ALAMOS, N. MEX.	643
WASLEY R. J. AND OSMIEN J. F. PRIVATE COMMUNICATION LAWRENCE RAD. LAB., LIVERMORE, CALIFORNIA, U. S. A.	626

SECTION E --- UNDEFINED MIXTURES

AUTHORS/REFERENCE -----	PAGE NO. -----
ARRIENS, T. J., ROSENBERG, J. T., RUDERMAN, M. M. STANFORD RESEARCH INSTITUTE REPORT NO DASA 1808 (1968) STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA 94035 U.S.A.	739
HAUVER, O. E. AND MELANI, A. PRIVATE COMMUNICATION, JAN. 1969. BALLISTICS RES. LAB., ADERDEEN PROVING GROUNDS HARLAND, USA.	743
HAUVER, O. E. AND MELANI, A. PRIVATE COMMUNICATION (1969) BALLISTICS RESEARCH LABS, ADERDEEN PROVING GROUND, MARYLAND.	744
ISBELL, W. M., SHIPMAN, F. H. AND JONES, A. M. HUGONIOT EQUATION OF STATE OF ELEVEN MATERIALS TO FIVE MEANS. MATERIALS SCIENCE LABORATORY REPORT, MSL-68-13	753
JONES, A. M., ISBELL, W. M., SHIPMAN, F. H., PERKINS, R. D., GREEN, S. J. AND MAIDEN, C. J. REPORT MSL-68-9; CONTRACT NASA D-3927 MATERIALS AND STRUCTURE LABORATORY GENERAL MOTORS TECHNICAL CENTER, MICHIGAN, USA 48090	750
MAY, R. P. AND KINSEY, C. M. SANDIA CORPORATION REPORT, SC-DR-67-295H, MARCH 1968 SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO, U.S.A.	741
MAY, R. P. AND KINSEY, C. M. SANDIA CORPORATION REPORT, SC-TM-67-737, OCT. 1967 SANDIA LABORATORY, ALBUQUERQUE, NEW MEXICO, U.S.A.	742
MAY, R. P. AND KINSEY, C. M. SANDIA CORPORATION REPORT, SC-DR-67-295H, MARCH 1968 SANDIA LABORATORY, ALBUQUERQUE, NEW MEXICO, U.S.A.	746
MAY, R. P. AND KINSEY, C. M. SANDIA CORPORATION REPORT, SC-TM-67-842, SEPT. 1967 SANDIA LABORATORY, ALBUQUERQUE, NEW MEXICO, U.S.A.	752
MCQUEEN, R. G., MARSH, S. P., TAYLOR, J. M., FRITZ, J. M., AND CARTER, W. J. THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES, HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED) ACADEMIC PRESS, NEW YORK, 1970; CHAPTER VII	745

SECTION E --- UNDEFINED MIXTURES

AUTHORS/REFERENCE

PAGE NO.

MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M.,
AND CARTER, W.J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES,
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970: CHAPTER VII

747

MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M.,
AND CARTER, W.J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES,
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970: CHAPTER VII

748

MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M.,
AND CARTER, W.J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES,
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970: CHAPTER VII

749

MCQUEEN, R.O., MARSH, S.P., TAYLOR, J.W., FRITZ, J.M.,
AND CARTER, W.J.
THE EQUATION OF STATE OF SOLIDS FROM SHOCK WAVE STUDIES,
HIGH VELOCITY IMPACT PHENOMENA, KINSLOW (ED.) ACADEMIC
PRESS, NEW YORK, 1970: CHAPTER VII

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